

WP-01-DE

ACO-1 Well History

Side TWO OPERATOR F & M OIL CO., INC. LEASE NAME Janssen "A" SEC 36 TWP 16S RGE9W (W) WELL NO 1

FILL IN WELL INFORMATION AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Show Geological markers, logs run, or other Descriptive information.

Formation description, contents, etc.	Top	Bottom	Name	Depth
<p>Check if no Drill Stem Tests Run.</p> <p><input checked="" type="checkbox"/> Check if samples sent Geological Survey.</p>			<p>Sample Tops:</p> <p>Herington 1292(+ 511)</p> <p>Winfield 1340(+ 463)</p> <p>Towanda 1406(+ 397)</p> <p>Ft. Riley 1437(+ 366)</p> <p>Wreford 1548(+ 255)</p> <p>Neva 1782(- 21)</p> <p>Indian Cave 1997(- 194)</p> <p>Grand Haven 2064(- 261)</p> <p>Tarkio 2149(- 346)</p> <p>Elmont 2218(- 415)</p> <p>Howard 2365(- 52)</p> <p>Severy Sh 2434(- 631)</p> <p>Severy Sd 2438(- 635)</p> <p>Topeka 2460(- 657)</p> <p>Queen Hill Sh 2636(- 833)</p> <p>Heebner 2718(- 915)</p> <p>Toronto 2741(- 938)</p> <p>Douglas Sh 2753(- 950)</p> <p>Br/Lime 2838(-1035)</p> <p>Lansing 2859(-1056)</p> <p>Viola 3227(-1424)</p> <p>Simpson Dolo. 3279(-1476)</p> <p>1st Simp Sd 3289(-1486)</p> <p>2nd Simp Sd 3298(-1495)</p> <p>Arbuckle 3326(-1523)</p> <p>RTD 3350(-1547)</p> <p>Electric Log Tops:</p> <p>Herington 1286(+ 517)</p> <p>Winfield 1336(+ 467)</p> <p>Towanda 1400(+ 403)</p> <p>Ft. Riley 1433(+ 370)</p> <p>Wreford 1544(+ 59)</p> <p>Neva 1773(+ 30)</p>	
<p>0 1200 Shale & Sand</p> <p>1200 1495 Lime & Shale</p> <p>1495 2010 Shale & Lime</p> <p>2010 2185 Lime & Shale</p> <p>2185 2395 Lime</p> <p>2395 2460 Lime & Sand</p> <p>2460 2485 Lime</p> <p>2485 2655 Lime & Shale</p> <p>2655 3185 Lime</p> <p>3185 3286 Lime & Shale</p> <p>3286 3306 Sand</p> <p>3306 3350 Sand & Dolomite</p> <p>3350 RTD</p> <p>DST#1 2431-2460', Severy 30-45-60-45, GTS in 5", gas gauge, 10" into 1st opn 208 MCF, 20" 360 MCF, 30" 805 MCF, 2nd opn gas gauge, 10" 805 MCF, 20", 30", 40", 50" & 60" 882 MCF, rec 10' mud, IFP 49-138#, ISIP 847#, FFP 177-177#, FSIP 827#.</p> <p>DST#2 2662-2700', Topeka 30-30-30-30, wk blow died in 21" on 1st opn, no blow on 2nd opn, rec 60' mud w/oil spks, IFP 39-39#, ISIP 474#, FFP 59-59#, FSIP 375#.</p>				
If additional space is needed use Page 2				

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/2"	8-5/8"	20#	257.73'	common	160	2% gel, 3% CC
Production		4 1/2"	9.5#	2523'	posmix	100	60/40, 2% gel, 10% salt, 3/4 o 1% CFR2 proceed w/500 gals mud sweep

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None					
TUBING RECORD			2		2434-2442'

ACO-1 WELL HISTORY

PAGE 2 (Side One)

OPERATOR F & M OIL CO., INEASE NAME Janssen "A"
WELL NO. 1

SEC. 36 TWP 16S RGE 9W (E)
(W)

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interval tested, cushion used, time tool open, flowing &
Shut-in pressures, and recoveries.

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FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST#3 3040-3065', Lansing 30-45-30-45, stg blow off btm of bucket in 9" on 1st opn, stg blow off btm of bucket in 22" on 2nd opn, rec 120' GIP, 60' watery gassy oil spk mud, grind out, 15% oil, 20% gas, 57% wtr, 8% mud, 180' wtr, IFP 59-98#, ISIP 837#, FFP 128-158#, FSIP 807#.			Electric Log Tops Cont. Indian Cave Grand Haven Tarkio Elmont Howard Severy Sh Severy Sd Topeka Heebner Toronto Douglas Sh Br/Lime Lansing Viola Simpson Dolo. 1st Simp Sd 2nd Simp Sd Arbuckle LTD	1993(- 190) 2062(- 259) 2148(- 345) 2216(- 413) 2362(- 559) 2430(- 627) 2435(- 632) 2456(- 653) 2717(- 914) 2738(- 935) 2751(- 948) 2838(-1035) 2858(-1055) 3228(-1425) 3278(-1475) 3288(-1485) 3297(-1494) 3225(-1522) 3350(-1547)
DST#4 3142-3185', Lansing 30-30-30-30, wk blow died in 3" on 1st opn, no blow on 2nd opn, rec 17' mud, IFP 39-39#, ISIP 138#, FFP 49-49#, FSIP 108#.				
DST#5 3272-3286', Viola & Simpson 30-30-30-30, wk blow died in 2" on 1st opn, no blow on 2nd opn, flushed tool, no help, rec 5' mud, IFP 19-19#, ISIP 19#, FFP 29-29#, FSIP 29#.				
DST#6 3288-3301', Simpson 30-30-30-30, wk blow died in 7" on 1st opn, no blow on 2nd opn, rec 75' mud, IFP 59-69#, ISIP 128#, FFP 69-69#, FSIP 108#.				

Size 2-3/8"	Setting depth 2410'	Pecker set at		
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD				
Amount and kind of material used				Depth interval treated
1000 gals 15% SE Acid w/Halliburton LOSORE-259 Non emulsifier (1 gal), 10% Sercheck Iron Inhibitor, 160 sxs 20/40 sand & 140 sxs 10/20 sand				2434-2442'
Date of first production		Producing method (Flowing, pumping, gas lift, etc.)		
		Gas		
Estimated Production-I.P.	Oil	Gas	Water	Gas-oil ratio
	bbls.	MCF	%	bbls. CFPB
Disposition of gas (vented, used on lease or acid)				Perforations 2434-2442'

INSTRUCTIONS FOR FILING ACO-1 WELL HISTORY FORMS

When to File - Number of Copies

PLEASE FILL OUT ALL INFORMATION. IF INFORMATION IS NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

ACO-1 Well history forms are required on all wells, regardless of how completed. (Rule 82-3-130)

PRODUCING AND TEMPORARILY ABANDONED WELLS:
(File 2 copies)

OIL WELLS: An oil well shall be considered completed when the first new oil is produced through well head equipment into lease tanks from the producing interval after the production string has been run. For information regarding oil wells, contact Tom Leiker or Elisabeth Wannow.

GAS WELLS: A gas well shall be considered completed when the well is capable of producing gas through well head equipment from the producing zone after the production string has been run. Shut-in gas wells also require 2 copies. For information regarding gas wells, contact Richard Smith or Jim Hemmen.

TEMPORARILY ABANDONED WELLS: For information, contact Duane Rankin.

REQUESTING CONFIDENTIALITY:

Only 1 (ONE) copy of the ACO-1 should be filed with a letter attached for each well on which information is to be held confidential. ALL of the information should be completed on the form. Only information on Side One will be of public record. Side Two will be held confidential. On wells which are Docketed, confidentiality is waived. Plugging forms CP-1 and CP-4 cannot be held confidential.

To order additional forms or request information, call (316) 263-3238.

PLEASE KEEP THIS SHEET FOR REFERENCE.